REMARKS

The Office Action in the above-identified application has been carefully considered and this amendment has been presented to place this application in condition for allowance. Accordingly, reexamination and reconsideration of this application are respectfully requested.

Claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 are in the present application. It is submitted that these claims, as originally presented, were patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. § 112. Changes to the claims as presented herein, are not submitted for the purpose of patentability within the meaning of 35 U.S.C. sections 101, 102, 103 or 112. Rather, these changes are submitted simply for clarification and to round out the scope of protection to which Applicants are entitled.

Attached hereto as an Appendix entitled "Version with Markings Showing Changes Made," is a marked-up version of the changes made to the claims by this Amendment.

Regarding the Examiner's statement the amendment previously filed on August 12, 2002, did not contain a marked-up version of the claims, Applicants enclose a copy of the Amendment as filed, which contains Appendix pages A1-A3, showing a marked-up version of the changes made to the claims.

Claims 1, 4, 6, 8, 10, 13, 15, 17, 20, and 22 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Aoyama et al. (U.S. Patent 5,364,270) in view of Lougheed et al. (U.S.

Patent 5,686,690). However, the present invention "delay[s] the display of a frame of said image signal by said display device until the corresponding motion control signal is generated." (Claims 1, 10, and 17) This allows the present invention to drive an object "whereby the movement of the driven object corresponds to motion within the displayed frame of said image signal." (Claims 1, 10, and 17) Hence, the present invention addresses the prior art problem of providing motion control corresponding to the currently displayed image (rather than the previously displayed frame) without having to preprocess and store the motion information as taught in Aoyama. (Abstract) While Lougheed does process each frame of data, as shown in Figure 9, the frames are only buffered for processing and not for display. Hence, Lougheed immediately displays the frames regardless of whether the frame has been processed. Thus, since Lougheed's motion information corresponds to the previously displayed frame, Lougheed exhibits the precise problem the present invention solves. Therefore, for at least this reason, Aoyama and Lougheed fail to obviate the present invention and the rejected claims should now be allowed.
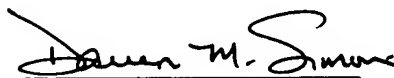
In view of the foregoing amendment and remarks, it is respectfully submitted that the application as now presented is in condition for allowance. Early and favorable reconsideration of the application are respectfully requested.

No additional fees are deemed to be required for the filing of this amendment, but if such are, the Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

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Appendix
Version with Markings Showing Changes Made

IN THE CLAIMS

Please amend claims 1, 10, and 17 as follows:

—1.   (twice amended) An information processing apparatus comprising:

a motion detector for detecting motion vectors for a plurality of predetermined

blocks within each frame of said image signal to be displayed by a display device;

a generator for generating a motion control signal <u>corresponding to each</u>

<u>frame of said image signal</u> in accordance with said motion vectors; [and].

<u>a delay unit for delaying the display of a frame of said image signal by said</u>

<u>display device until the corresponding motion control signal is generated; and</u> ·

a driving device for driving an object in accordance with said motion control

signal, whereby the movement of the driven object corresponds to motion within the

displayed <u>frame of said</u> image signal.—

—10.   (twice amended) An information processing method comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each

frame of said image signal to be displayed by a display device;

generating a motion control signal <u>corresponding to each frame of said image</u>

<u>signal</u> in accordance with said motion vectors; [and]

<u>delaying the display of a frame of said image signal by said display device</u>

<u>until the corresponding motion control signal is generated; and</u>

00098015

driving an object in accordance with said motion control signal, whereby the movement of the driven object corresponds to motion within the displayed frame of said image signal.—

—17. (twice amended) A storage medium storing a computer-controllable program, said program comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal in accordance with said motion vectors; [and]

delaying the display of a frame of said image signal by said display device until the corresponding motion control signal is generated; and

driving an object in accordance with said motion control signal, whereby the movement of the driven object corresponds to motion within the displayed frame of said image signal.—